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(FILE 'HOME' ENTERED AT 14:44:43 ON 04 SEP 2007)

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L1 STRUCTURE UPLOADED

L2 0 S L1

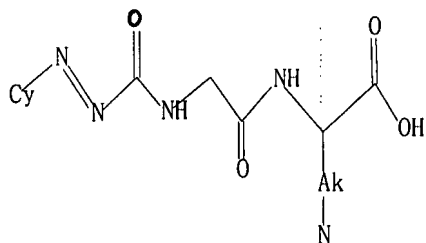
L3 9 S L1 FULL

FILE 'CAPLUS' ENTERED AT 14:45:51 ON 04 SEP 2007

L4 1 S L3

=> d que l4 stat

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 9 SEA FILE=REGISTRY SSS FUL L1

L4 1 SEA FILE=CAPLUS ABB=ON PLU=ON L3

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2003:42291 CAPLUS
 DN 138:85590
 TI Arazoformyl dipeptide chromogenic substrates and their use in
 determination of carboxypeptidase
 IN Quentin, Gerard
 PA Societe Diagnostica-Stago, Fr.
 SO PCT Int. Appl., 100 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003004516	A1	20030116	WO 2002-FR2376	20020705
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
FR 2826962	A1	20030110	FR 2001-9030	20010706
FR 2826962	B1	20031031		
CA 2450194	A1	20030116	CA 2002-2450194	20020705
AU 2002327928	A1	20030121	AU 2002-327928	20020705
EP 1406920	A1	20040414	EP 2002-762539	20020705
EP 1406920	B1	20061115		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002010809	A	20040622	BR 2002-10809	20020705
CN 1524087	A	20040825	CN 2002-813642	20020705
HU 200400920	A2	20040928	HU 2004-920	20020705
JP 2004533489	T	20041104	JP 2003-510682	20020705
TW 252234	B	20060401	TW 2002-91114987	20020705
AT 345351	T	20061215	AT 2002-762539	20020705
ES 2276951	T3	20070701	ES 2002-2762539	20020705
MX 2003PA12040	A	20050816	MX 2003-PA12040	20031219
US 2005107305	A1	20050519	US 2004-751601	20040105
HK 1065321	A1	20070608	HK 2004-107367	20040923
PRAI FR 2001-9030	A	20010706		
WO 2002-FR2376	W	20020705		

OS MARPAT 138:85590

AB The invention relates to chromogenic compds. and the use thereof for the determination of enzymes of the family of carboxypeptidases N and carboxypeptidases U. The chromogenic compound is an arazoformyl dipeptide A-N:N-CO-AA1-AA2-OH (A = (Me, iPr, MeO, Cl, CF₃, OCF₃, SCH₃ mono- or disubstituted)phenyl, 4-pyridyl, 2-pyrimidyl, quinolinyl, etc.; AA1 = amino acid recognized by carboxypeptidase A; AA2 = basic amino acid). The carboxypeptidase U or N cleaves the peptide bond between AA1 and AA2. Carboxypeptidase A, added to the sample, cleaves AA1 from the arazoformyl moiety which is subsequently converted to an aryl compound, N2 and CO₂. So, carboxypeptidase U or N cleavage results in loss of color. Thus, the synthesis of N-(4-methoxyphenylazoformyl)-L-phenylalanylarginine is described. This compound is used in determination of TAFI (thrombin activatable fibrinolysis inhibitor) in blood.

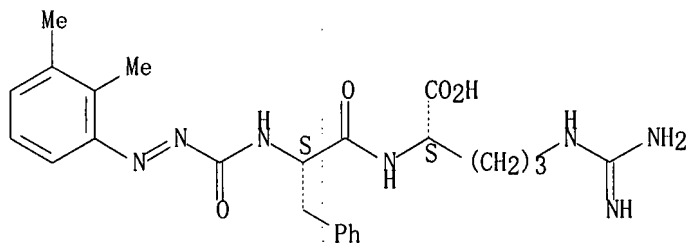
IT 485322-20-1P 485322-21-2P 485322-22-3P
 485322-23-4P 485322-24-5P 485322-25-6P
 485322-26-7P 485322-27-8P 485322-28-9P

RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)

(arazoformyl dipeptide chromogenic substrates and their use in determination of carboxypeptidase)

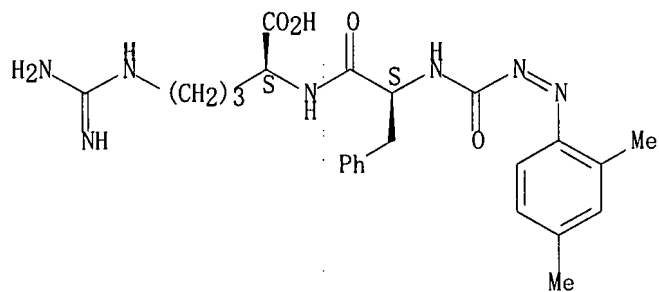
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 (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.



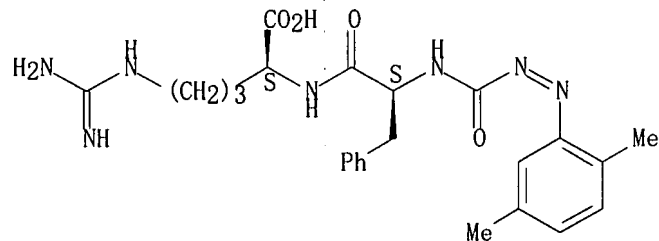
RN 485322-21-2 CAPLUS
 CN L-Arginine, N-[[[(2,4-dimethylphenyl)azo]carbonyl]-L-phenylalanyl- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.



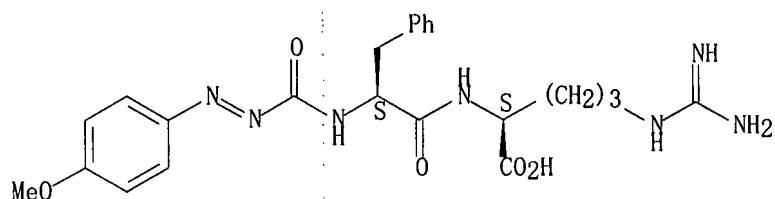
RN 485322-22-3 CAPLUS
 CN L-Arginine, N-[[[(2,5-dimethylphenyl)azo]carbonyl]-L-phenylalanyl- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.



RN 485322-23-4 CAPLUS
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 INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.

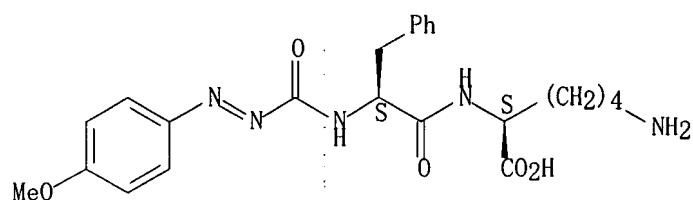


RN 485322-24-5 CAPLUS

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Absolute stereochemistry.

Double bond geometry unknown.

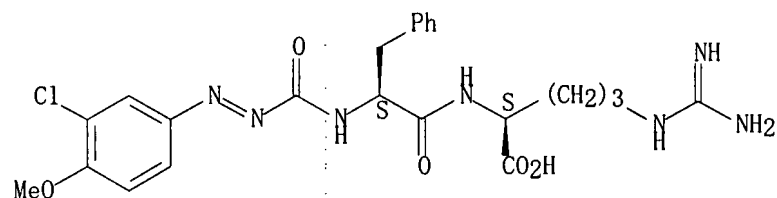


RN 485322-25-6 CAPLUS

CN L-Arginine, N-[[[(3-chloro-4-methoxyphenyl)azo]carbonyl]-L-phenylalanyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

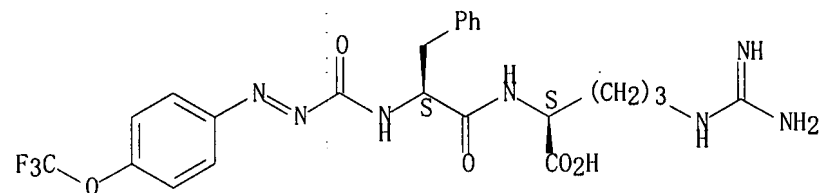


RN 485322-26-7 CAPLUS

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Absolute stereochemistry.

Double bond geometry unknown.

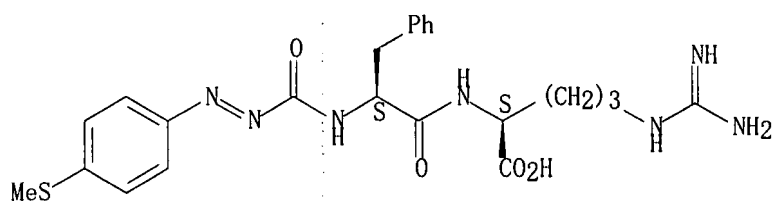


RN 485322-27-8 CAPLUS

CN L-Arginine, N-[[[4-(methylthio)phenyl]azo]carbonyl]-L-phenylalanyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

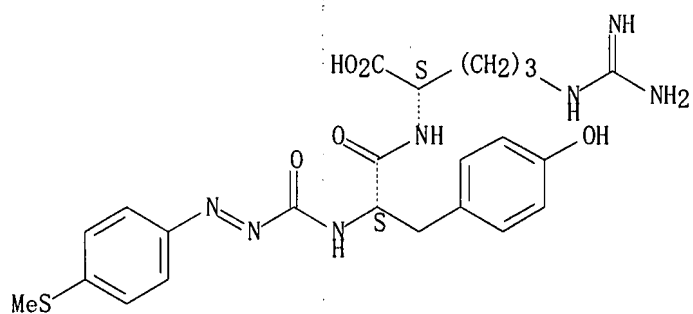


RN 485322-28-9 CAPLUS

CN L-Arginine, N-[[[4-(methylthio)phenyl]azo]carbonyl]-L-tyrosyl- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.



RE. CNT 4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> => d que 17 stat :
L5 29 SEA FILE=CAPLUS ABB=ON PLU=ON ("QUENTIN GERARD"/AU OR
"QUENTIN GERHARD"/AU)
L7 1 SEA FILE=CAPLUS ABB=ON PLU=ON L5 AND CARBOXYPEPTIDASE

=> d bib abs

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
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L1 STRUCTURE UPLOADED

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L3 9 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 14:45:51 ON 04 SEP 2007

L4 1 SEA ABB=ON PLU=ON L3

D QUE L4 STAT

D BIB ABS HITSTR

E QUENTIN GERARD/AU

L5 29 SEA ABB=ON PLU=ON ("QUENTIN GERARD"/AU OR "QUENTIN GERHARD"/AU)

L6 0 SEA ABB=ON PLU=ON L5 AND CARBOXYPEPTIDASE

L7 1 SEA ABB=ON PLU=ON L5 AND CARBOXYPEPTIDASE

D QUE L7 STAT

D BIB ABS

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

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DICTIONARY FILE UPDATES: 3 SEP 2007 HIGHEST RN 945955-20-4

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SINCE FILE

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